

|    |       |   |                   |                  |
|----|-------|---|-------------------|------------------|
| 7  | 110   | (blend or blended or blending or mix or mixing or mixed or admix or admixing or admixed or composition or combine or combining or combined) near5 (((calcium adj1 carbonate) or (lime1stone or (lime adj1 stone))) or sawdust or saw-dust or (saw adj1 dust) or corn\$1cob or ((agricultural or vegetable) adj1 grain)) near5 ((hydro\$1ethylated adj1 cellulose or hydro\$1propylated adj1 cellulose or carboxy\$1methyl\$1cellulose or lignin or (polyvinyl adj1 alcohol) or (polyvinyl adj1 pyrrolidone) or ((polyacrylic or acrylic) adj1 acid)) or (polysaccharide or starch or guar or (gum near1 arabic) or (xanthan near1 gum) or plantago or (hydroxy adj1 methyl adj1 cellulose))))   | EPO; JPO; DERWENT | 2004/06/18 13:56 |
| 8  | 33    | (adhesive or glue or binder or ((bonding or binding) adj1 (material or agent or resin or substance or composition))) and ((blend or blended or blending or mix or mixing or mixed or admix or admixing or admixed or composition or combine or combining or combined) near5 (((calcium adj1 carbonate) or (lime1stone or (lime adj1 stone))) or sawdust or saw-dust or (saw adj1 dust) or corn\$1cob or ((agricultural or vegetable) adj1 grain)) near5 ((hydro\$1ethylated adj1 cellulose or hydro\$1propylated adj1 cellulose or carboxy\$1methyl\$1cellulose or lignin or (polyvinyl adj1 alcohol) or (polyvinyl adj1 pyrrolidone) or ((polyacrylic or acrylic) adj1 acid)) or (polysaccharide or starch or guar or (gum near1 arabic) or (xanthan near1 gum) or plantago or (hydroxy adj1 methyl adj1 cellulose)))) | EPO; JPO; DERWENT | 2004/06/18 13:57 |
| 12 | 7     | ((("3927235") or ("5958186") or ("5944953") or ("5656129") or ("4490517") or ("3930089") or ("5611882")).PN.  | USPAT; US-PGPUB   | 2004/06/18 15:09 |
| 13 | 3     | ((calcium adj1 carbonate) or (lime1stone or (lime adj1 stone)) or sawdust or saw-dust or (saw adj1 dust) or corn\$1cob or ((agricultural or vegetable) adj1 grain)) and (((("3927235") or ("5958186") or ("5944953") or ("5656129") or ("4490517") or ("3930089") or ("5611882")).PN.)  | USPAT; US-PGPUB   | 2004/06/18 15:41 |
| 14 | 13208 | ((calcium adj1 carbonate) or (lime1stone or (lime adj1 stone)) or sawdust or saw-dust or (saw adj1 dust) or corn\$1cob or ((agricultural or vegetable) adj1 grain)) near4 filler  | USPAT; US-PGPUB   | 2004/06/18 15:42 |
| 15 | 46591 | ((hydro\$1ethylated adj1 cellulose or hydro\$1propylated adj1 cellulose or carboxy\$1methyl\$1cellulose or lignin or (polyvinyl adj1 alcohol) or (polyvinyl adj1 pyrrolidone) or ((polyacrylic or acrylic) adj1 acid)) or (polysaccharide or starch or guar or (gum near1 arabic) or (xanthan near1 gum) or plantago or (hydroxy adj1 methyl adj1 cellulose))) near6 (adhesive or glue or binder or ((bonding or binding) adj1 (material or agent or resin or substance or composition)))   | USPAT; US-PGPUB   | 2004/06/18 15:43 |
| 16 | 96106 | (adhesive or glue or binder or ((bonding or binding) adj1 (material or agent or resin or substance or composition))) .ti,ab.  | USPAT; US-PGPUB   | 2004/06/18 15:44 |
| 17 | 404   | ((calcium adj1 carbonate) or (lime1stone or (lime adj1 stone)) or sawdust or saw-dust or (saw adj1 dust) or corn\$1cob or ((agricultural or vegetable) adj1 grain)) near4 filler) and (((hydro\$1ethylated adj1 cellulose or hydro\$1propylated adj1 cellulose or carboxy\$1methyl\$1cellulose or lignin or (polyvinyl adj1 alcohol) or (polyvinyl adj1 pyrrolidone) or ((polyacrylic or acrylic) adj1 acid)) or (polysaccharide or starch or guar or (gum near1 arabic) or (xanthan near1 gum) or plantago or (hydroxy adj1 methyl adj1 cellulose))) near6 (adhesive or glue or binder or ((bonding or binding) adj1 (material or agent or resin or substance or composition)))) and ((adhesive or glue or binder or ((bonding or binding) adj1 (material or agent or resin or substance or composition))) .ti,ab.)    | USPAT; US-PGPUB   | 2004/06/18 15:44 |

|    |     |  |                    |                  |
|----|-----|--|--------------------|------------------|
| 18 | 252 | @py<=2000 and (((calcium adj1 carbonate) or (lime1 stone or (lime adj1 stone)) or sawdust or saw-dust or (saw adj1 dust) or corn\$1cob or ((agricultural or vegetable) adj1 grain)) near4 filler) and (((hydro\$1ethylated adj1 cellulose or hydro\$1propylated adj1 cellulose or carboxy\$1methyl\$1cellulose or lignin or (polyvinyl adj1 alcohol) or (polyvinyl adj1 pyrrolidone) or ((polyacrylic or acrylic) adj1 acid)) or (polysaccharide or starch or guar or (gum near1 arabic) or (xanthan near1 gum) or plantago or (hydroxy adj1 methyl adj1 cellulose))) near6 (adhesive or glue or binder or ((bonding or binding) adj1 (material or agent or resin or substance or composition)))) and ((adhesive or glue or binder or ((bonding or binding) adj1 (material or agent or resin or substance or composition))) ) .ti,ab.))  | USPAT;<br>US-PGPUB | 2004/06/18 16:09 |
| 19 | 34  | @py<=2001 and (((calcium adj1 carbonate) or (lime1 stone or (lime adj1 stone)) or sawdust or saw-dust or (saw adj1 dust) or corn\$1cob or ((agricultural or vegetable) adj1 grain)) near4 filler) and (((hydro\$1ethylated adj1 cellulose or hydro\$1propylated adj1 cellulose or carboxy\$1methyl\$1cellulose or lignin or (polyvinyl adj1 alcohol) or (polyvinyl adj1 pyrrolidone) or ((polyacrylic or acrylic) adj1 acid)) or (polysaccharide or starch or guar or (gum near1 arabic) or (xanthan near1 gum) or plantago or (hydroxy adj1 methyl adj1 cellulose))) near6 (adhesive or glue or binder or ((bonding or binding) adj1 (material or agent or resin or substance or composition)))) and ((adhesive or glue or binder or ((bonding or binding) adj1 (material or agent or resin or substance or composition))) ) .ti,ab.)) not (@py<=2000 and (((calcium adj1 carbonate) or (lime1 stone or (lime adj1 stone)) or sawdust or saw-dust or (saw adj1 dust) or corn\$1cob or ((agricultural or vegetable) adj1 grain)) near4 filler) and (((hydro\$1ethylated adj1 cellulose or hydro\$1propylated adj1 cellulose or carboxy\$1methyl\$1cellulose or lignin or (polyvinyl adj1 alcohol) or (polyvinyl adj1 pyrrolidone) or ((polyacrylic or acrylic) adj1 acid)) or (polysaccharide or starch or guar or (gum near1 arabic) or (xanthan near1 gum) or plantago or (hydroxy adj1 methyl adj1 cellulose))) near6 (adhesive or glue or binder or ((bonding or binding) adj1 (material or agent or resin or substance or composition)))) and ((adhesive or glue or binder or ((bonding or binding) adj1 (material or agent or resin or substance or composition))) ) .ti,ab.)) | USPAT;<br>US-PGPUB | 2004/06/18 16:09 |

| L Number | Hits   | Search Text   | DB                 | Time stamp       |
|----------|--------|---|--------------------|------------------|
| 1        | 574    | (blend or blended or blending or mix or mixing or mixed or admix or admixing or admixed or composition or combine or combining or combined) near5 (((calcium adj1 carbonate) or (lime1stone or (lime adj1 stone)) or sawdust or saw-dust or (saw adj1 dust) or corn\$1cob or ((agricultural or vegetable) adj1 grain)) near5 ((hydro\$1ethylated adj1 cellulose or hydro\$1propylated adj1 cellulose or carboxy\$1methyl\$1cellulose or lignin or (polyvinyl adj1 alcohol) or (polyvinyl adj1 pyrrolidone) or ((polyacrylic or acrylic) adj1 acid)) or (polysaccharide or starch or guar or (gum near1 arabic) or (xanthan near1 gum) or plantago or (hydroxy adj1 methyl adj1 cellulose))))  | USPAT;<br>US-PGPUB | 2004/06/18 13:55 |
| 2        | 647539 | adhesive or glue or binder or ((bonding or binding) adj1 (material or agent or resin or substance or composition))  | USPAT;<br>US-PGPUB | 2004/06/18 13:56 |
| 3        | 72     | ((blend or blended or blending or mix or mixing or mixed or admix or admixing or admixed or composition or combine or combining or combined) near5 (((calcium adj1 carbonate) or (lime1stone or (lime adj1 stone)) or sawdust or saw-dust or (saw adj1 dust) or corn\$1cob or ((agricultural or vegetable) adj1 grain)) near5 ((hydro\$1ethylated adj1 cellulose or hydro\$1propylated adj1 cellulose or carboxy\$1methyl\$1cellulose or lignin or (polyvinyl adj1 alcohol) or (polyvinyl adj1 pyrrolidone) or ((polyacrylic or acrylic) adj1 acid)) or (polysaccharide or starch or guar or (gum near1 arabic) or (xanthan near1 gum) or plantago or (hydroxy adj1 methyl adj1 cellulose)))) same (adhesive or glue or binder or ((bonding or binding) adj1 (material or agent or resin or substance or composition)) )  | USPAT;<br>US-PGPUB | 2004/06/18 13:48 |
| 4        | 96106  | 2.ti.ab.  | USPAT;<br>US-PGPUB | 2004/06/18 13:49 |
| 5        | 17     | (((blend or blended or blending or mix or mixing or mixed or admix or admixing or admixed or composition or combine or combining or combined) near5 (((calcium adj1 carbonate) or (lime1stone or (lime adj1 stone)) or sawdust or saw-dust or (saw adj1 dust) or corn\$1cob or ((agricultural or vegetable) adj1 grain)) near5 ((hydro\$1ethylated adj1 cellulose or hydro\$1propylated adj1 cellulose or carboxy\$1methyl\$1cellulose or lignin or (polyvinyl adj1 alcohol) or (polyvinyl adj1 pyrrolidone) or ((polyacrylic or acrylic) adj1 acid)) or (polysaccharide or starch or guar or (gum near1 arabic) or (xanthan near1 gum) or plantago or (hydroxy adj1 methyl adj1 cellulose)))) same (adhesive or glue or binder or ((bonding or binding) adj1 (material or agent or resin or substance or composition)) ) ) and 2.ti.ab.  | USPAT;<br>US-PGPUB | 2004/06/18 13:52 |
| 6        | 55     | (((blend or blended or blending or mix or mixing or mixed or admix or admixing or admixed or composition or combine or combining or combined) near5 (((calcium adj1 carbonate) or (lime1stone or (lime adj1 stone)) or sawdust or saw-dust or (saw adj1 dust) or corn\$1cob or ((agricultural or vegetable) adj1 grain)) near5 ((hydro\$1ethylated adj1 cellulose or hydro\$1propylated adj1 cellulose or carboxy\$1methyl\$1cellulose or lignin or (polyvinyl adj1 alcohol) or (polyvinyl adj1 pyrrolidone) or ((polyacrylic or acrylic) adj1 acid)) or (polysaccharide or starch or guar or (gum near1 arabic) or (xanthan near1 gum) or plantago or (hydroxy adj1 methyl adj1 cellulose)))) same (adhesive or glue or binder or ((bonding or binding) adj1 (material or agent or resin or substance or composition)) ) ) not (((blend or blended or blending or mix or mixing or mixed or admix or admixing or admixed or composition or combine or combining or combined) near5 (((calcium adj1 carbonate) or (lime1stone or (lime adj1 stone)) or sawdust or saw-dust or (saw adj1 dust) or corn\$1cob or ((agricultural or vegetable) adj1 grain)) near5 ((hydro\$1ethylated adj1 cellulose or hydro\$1propylated adj1 cellulose or carboxy\$1methyl\$1cellulose or lignin or (polyvinyl adj1 alcohol) or (polyvinyl adj1 pyrrolidone) or ((polyacrylic or acrylic) adj1 acid)) or (polysaccharide or starch or guar or (gum near1 arabic) or (xanthan near1 gum) or plantago or (hydroxy adj1 methyl adj1 cellulose)))) same (adhesive or glue or binder or ((bonding or binding) adj1 (material or agent or resin or substance or composition)) ) ) and 2.ti.ab.) | USPAT;<br>US-PGPUB | 2004/06/18 13:52 |

|   |     |  |                   |                  |
|---|-----|--|-------------------|------------------|
| 7 | 110 | (blend or blended or blending or mix or mixing or mixed or admix or admixing or admixed or composition or combine or combining or combined) near5 (((calcium adj1 carbonate) or (lime1stone or (lime adj1 stone)) or sawdust or saw-dust or (saw adj1 dust) or corn\$1cob or ((agricultural or vegetable) adj1 grain)) near5 ((hydro\$1ethylated adj1 cellulose or hydro\$1propylated adj1 cellulose or carboxy\$1methyl\$1cellulose or lignin or (polyvinyl adj1 alcohol) or (polyvinyl adj1 pyrrolidone) or ((polyacrylic or acrylic) adj1 acid)) or (polysaccharide or starch or guar or (gum near1 arabic) or (xanthan near1 gum) or plantago or (hydroxy adj1 methyl adj1 cellulose))))   | EPO; JPO; DERWENT | 2004/06/18 13:56 |
| 8 | 33  | (adhesive or glue or binder or ((bonding or binding) adj1 (material or agent or resin or substance or composition))) and ((blend or blended or blending or mix or mixing or mixed or admix or admixing or admixed or composition or combine or combining or combined) near5 (((calcium adj1 carbonate) or (lime1stone or (lime adj1 stone)) or sawdust or saw-dust or (saw adj1 dust) or corn\$1cob or ((agricultural or vegetable) adj1 grain)) near5 ((hydro\$1ethylated adj1 cellulose or hydro\$1propylated adj1 cellulose or carboxy\$1methyl\$1cellulose or lignin or (polyvinyl adj1 alcohol) or (polyvinyl adj1 pyrrolidone) or ((polyacrylic or acrylic) adj1 acid)) or (polysaccharide or starch or guar or (gum near1 arabic) or (xanthan near1 gum) or plantago or (hydroxy adj1 methyl adj1 cellulose)))) | EPO; JPO; DERWENT | 2004/06/18 13:57 |